



**GENERAL FABRICATION NOTES :-**

- 1) ALL HOLES TO BE 22 DIA UNO
- 2) ALL BOLTS TO BE M20 CLASS 8.8 UNO
- 3) ALL WELDS TO BE 6 mm CONT FILLET UNO
- 4) ALL WELDS TO CONFORM TO BHP ID SPEC 000-5-0011 & AS 1554 CATEGORY 5 P UNO
- 5) FOR GENERAL NOTES SEE DRG

THE SKIRT PANELS, DUST COVERS AND GUARDS ARE PROTECTED BY AUSTRALIAN PATENTS FOR FURTHER INFORMATION CONTACT H&B MINING TEL 08 9243 1993

THIS DRAWING TO BE READ IN CONJUNCTION WITH DRG HB1827-A1

**ERECTOR NOTE:**  
ERECTOR TO DISMANTLE REMOVE AND DISCARD ALL EXISTING SKIRTS AND DUST COVERS

**ERECTOR NOTE:**  
ALL 3 - EXISTING DUCTS AND DUCT INLETS WILL REQUIRE RE-WORK TO SUIT NEW INLET LOCATIONS. THE ERECTOR IS TO DECIDE WHETHER TO RE-BUILD THE EXISTING HOOD INLETS OR TO REWORK THE DUCTING (OR BOTH)

**ERECTOR NOTE:**  
ERECTOR TO DISMANTLE, REMOVE AND DISCARD ALL EXISTING PLATFORM SUPPORT STEELWORK, GRATING AND ASSOCIATED HANDRAILING

**ERECTOR NOTE:**  
WHERE REQUIRED SITE MODIFY EXISTING STRINGER LEG AS SHOWN

ERECTOR TO PREPARE GAP IN EXISTING STRINGERS FOR THE INSTALLATION OF A NEW 200 PFC TO MAKE THE STRINGER A CONTINUOUS MEMBER TYPICAL B/S OF CONVEYOR

ELEVATION ON THE TAIL END OF M214 SHOWING SITEWORK REQUIREMENTS

ERECTOR TO PREPARE GAP IN EXISTING STRINGERS FOR THE INSTALLATION OF A NEW 200 PFC TO MAKE THE STRINGER A CONTINUOUS MEMBER TYPICAL B/S OF CONVEYOR

**DATUM**  
BACK OF LOWER SECTION OF CHUTE

SCALE		1:30		DRAWN		H&B		CLIENT		BHP BILLITON		PROJECT		ORE HANDLING - NEWMAN CONVEYORS - M214	
CHECKED		GB		DESIGNED		EH		DRAWING TITLE		GENERAL ARRANGEMENT - SEGMENTED SKIRT INSTALLATION		CLIENT DRG No.		060-M-13081/0	
DESIGN CHECK		PROJECT APP.		AP FOR CONST		A1 SHEET		REV		H & B DRG No.		HB1827-A1		1	
DRG NUMBER	REFERENCE DRAWING TITLE	NO	DATE	ISSUED FOR CONSTRUCTION	DRN	CHD	APP	NO	DATE	REVISIONS	DRN	CHD	APP	NO	DATE



HB1827



Head Office  
7 Tahiti Lane, Hillarys, Perth,  
Western Australia  
Phone: (08) 9403 2993

Email: [info@handbmining.com.au](mailto:info@handbmining.com.au)

[www.handbmining.com.au](http://www.handbmining.com.au)

## H & B Mining: “The Experts in Conveyor Skirts”

H & B Mining design and supply a range of “Easy Maintenance” conveyor transfer products to the Australian mining industry with the aim of providing a safer, easier to maintain and more efficient working environment at conveyor transfer points.

H & B Mining was established in April 1993 with the promise of providing a standalone conveyor design service tailored to accommodate the mines of Australia. After witnessing maintenance crews struggling to maintain and change out poorly designed products for conveyor transfers H & B decided to expand its portfolio by developing its own range of ‘Easy Maintenance Products’ for conveyor transfer points including: conveyor idlers, conveyor skirting systems, hinged dust covers, conveyor guards, conveyor diversion plough, streamline conveyor transfer design and the retractable loading boot.

The “Easy Maintenance” conveyor product range harnesses H & B’s vast experience in the field along with the innovative design technology nurtured over the years within the H & B design team. The Australian mining industry has benefited from H & B’s toil, witnessing enhanced overall productivity, reduced shutdown time and improved safety whilst gaining cost effective mining conveyor operations. H & B Mining products have been installed as mine standard by Rio Tinto, BHP Billiton, Roy Hill and FMG, amongst others.

## Easy Maintenance Segmented Skirt System for Conveyors

The development of the segmented Easy Maintenance Skirt heralds a dawn of the changing out of skirt liners from the outside of chute and skirted areas. Whilst all of the recognised Easy Maintenance features of the skirt remain, for example the skirt rubber clamping system and vertical liner adjustment, having the ability to access skirt liners externally is an enormous step forward in terms of safety and time saving.

An individual can simply inspect and change out worn or damaged liners safely and within a matter of minutes without the requirement of a confined space entry permit. By utilizing the *eco-light skirt liner* with the segmented skirt design, the combined mass of the liner and removable panel is reduced by 40% making all lifts below 20kg. The eco-light skirt liner is a cast ni-hard liner and when supplied is 100% compatible with the mine standard skirt liners. The eco-light has the same longevity and performs the same function as all standard skirt liners. This innovative step forward in skirt maintenance will make conveyor transfers safer, cleaner and more productive.